

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005665**Date Inspected:** 20-Feb-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Chih Ming**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 14 OBG Assembly

Segment 7EW

Shielded Metal Arc Welding (SMAW) of weld joint SEG041A-004 located on BP93A to SP155A. Welder is identified as 067572. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 2AE

Flux Cored Arc Welding (FCAW) of weld joint DP617-001-205, 210, 215, 220, 225, 230, 235 located on Floor Beam Diaphragm X97G to DP617 and DP597-001-011, 018, 023, 031, 034, 039, 042, 047, and 050 located on Floor Beam Diaphragm X97C to DP597. Welder is identified as 044801. ZPMC QC is identified as Li Ming Yang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Bay 13 OBG Assembly

Segment 1BE

WELDING INSPECTION REPORT

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Flux Cored Arc Welding (FCAW) of weld joint SSD45A-PP10.5-133, 134 located on FB56A to LD30A. Welder is identified as 055491

FCAW of weld joint SSD45-PP10.5-133, 134 located on FB56A to LD29A. Welder is identified as 055504.

FCAW of weld joint SSD45A-PP12.5-133, 134 located on FB58A to LD30A. Welder is identified as 051356.

FCAW of weld joint SSD45-PP12.5-133, 134 located on FB58A to LD29A. Welder is identified as 044774.

FCAW of weld joint SSD47A-PP11-129 located on FB68A to FB80B. Welder is identified as 055491.

FCAW of weld joint SSD47-PP11-129 located on FB68A to FB81A. Welder is identified as 055491.

ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
